## WHAT IS CLAIMED IS:

- 1. A press bending station for the bending of glass

  5 sheets, with two bending tools which can be moved toward
  one another, whereby an extensive full-face mold forms one
  bending tool, while the other bending tool is designed as
  an annular mold, and whereby there emerge in the molding
  face of the full-face mold in an area predetermined by the

  10 configuration of the annular mold a plurality of holes,
  wherein at least some of the holes are arranged in at least
  one groove formed in the molding face of the full-face
  mold.
- 2. The press bending station of claim 1, wherein the holes are selectively connected to a negative pressure source.
- The press bending station of claim 1, wherein the
   holes are selectively connected to a positive pressure
   source.
  - 4. The press bending station of claim 1, wherein several holes are connected together by at least one groove

formed in the molding face of the full-face mold.

- 5. The press bending station of claim 4, wherein the at least one groove is a peripheral annular groove that connects the holes in the area of the groove.
- 6. The press bending station of claim 5, wherein the groove is arranged approximately 5-20 mm from the outer edge of the glass sheet and disposed on the face of the full-face mold.
  - 7. The press bending station of claim 6, wherein several grooves are provided that are not connected together.

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- 8. The press bending station of claim 7, wherein the depth and width of the grooves are both in the range of 4-6 mm respectively.
- 9. The press bending station of claim 8, wherein additional flow channels and through-holes are provided in the molding face of the full-face mold inside the area enclosed by the holes.

10. The press bending station of claim 9, wherein the bending tools are each covered by at least one airpermeable cloth.

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11. The press bending station of claim 10, wherein the permeable cloth is chosen from a group of materials including stainless steel, fiber glass, poly paraphenyleneterephthalamide fibers, polybenzoxazole, graphite fibers, or blended weaves thereof.

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- 12. The press bending station of claim 10, wherein the molding face of the full-face mold is covered by two or more cloths lying one upon the other, whereby the cloth facing the glass sheet has a finer structure than the cloth lying next to the molding face of the full-face mold.
  - 13. The press bending station of claim 10, wherein the molding face of the full-face mold is covered by only one cloth.

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14. The press bending station of claim 13, wherein the structure and the thickness of the cloth facing the glass sheet is adapted to the size of any impurity particles.

- 15. The press bending station of claim 14, wherein the full-face mold is chosen from the group consisting of ceramic, aluminum, stainless steel, compositions that include fused silicas, or combinations thereof.
- 16. The press bending station of claim 10, wherein the bending tools can be heated electrically, with hot oil, air, or other fluids.

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- 17. A mold having a major surface with at least one groove thereon, at least one hole defined therein, the hole being disposed in fluid communication with the groove and selectively connected to a negative pressure source for holding material to the surface.
- 18. The mold of claim 17, wherein the hole is connected to a positive pressure source for releasing the material from the surface.

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19. A press bending station having two opposing molds,

the first mold having a major surface with at least one groove thereon, at least one hole defined

therein, the hole being disposed in fluid communication with the groove and selectively connected to a negative pressure source for holding material to the surface, thus allowing the material to be shaped into a part when the molds are urged together.

20. The mold of claim 18, wherein the hole is selectively connected to a positive pressure source for releasing the material from the surface.

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